



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

KALITHEERTHALKUPPAM, PUDUCHERRY-605107.

DEPARTMENT OF INFORMATION TECHNOLOGY

News Letter (2015-2016)

SYMPOSIUM /CONFERENCE AND CONTESTS

- MITILENCE-2016 – A National Level Technical Symposium
- SCAN-2016 - National conference on Systems, Computations, Automations and Networking
- Cloud Computing Project Contest -2016

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- Data Science
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- Let's await a Password Free World...
- INTERNET OF THINGS
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ABOUT PONDICHERRY

SYMPOSIUM REPORT

A NATIONAL LEVEL TECHNICAL SYMPOSIUM – MITILENCE' 16 12th & 13th FEBRUARY 2016

A National Level Technical Symposium **MITILENCE'16** was organized on **12th & 13th February 2016** by the all departments.

OBJECTIVE:

The main aim of this technical festival is to kindle the talents of the students and to provide opportunities for them to know the technological developments in their field of specialization and share it with others.

COMMITTEE MEMBERS:

CHIEF PATRONS Shri. M. DHANASEKARAN Chairman & Managing Director SMVE Trust Shri. S.V. SUGUMARAN Vice Chairman, SMVE Trust Dr. K. NARAYANASAMY Secretary, SMVE Trust	PATRON Dr. S. MALARKKAN Principal /MIT CONVENOR Dr. P. Sivakumar, HOD/IT COORDINATORS Dr. R.Radjaram HOD/MECH Dr. K.B. Jayarraman, HOD/CSE Dr. R.Valli, HOD/EEE Prof. S. Arunmozhi, HOD/ECE	ORGANIZING COMMITTEE MEMBERS Dr. A. Meiappane, Asso. Prof./IT Dr. S. Pariselvam, Asso. Prof./CSE Prof. C. Shanmuga Sundraram, Asso.Prof/EEE Mrs. D. Saraswathi, AP/ECE Mr. K. Karthigayan, AP/Mech
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MITILENCE-16, 5TH National Level Technical Symposium was a successful event that brought together the participants of ALL Engineering disciplines in the effort to address the objective of the symposium. Held at Manakual Vinayagar Institute of Technology, Puducherry. This Two days Technical Symposium bore witness to the contributions of over 350 participants from other colleges in and around Puducherry and Tamil Nadu.

Without the invaluable help provided by the symposium's coordinators, organizing committee and volunteers of all staff members and students, the symposium would not have been possible. The following report seeks to summarize the main highlights of the Symposium and some of its key outcomes.

12th—February —2016, the Symposium was inaugurated at the college auditorium of MIT. To begin with bringing light and direction to the Symposium, Kuthuvilakku was lightened. The Symposium was officially opened with a welcoming speech by our principal Dr.S. Malarkkan. Following the welcoming remarks, in his speech highlighted the importance and objectives of any technical symposium. He talked about the projections and organizing such symposium to develop the skill set of the promising engineering students. He extended with the current crisis of Engineering in the society. He stressed upon the importance of participating in such importance and wished every participants. Followed by Mr. Jayakmar, Placement officer took the honor of briefing the gather with the profile of the Chief Guest and extended by welcoming the Chief guest for formal inauguration of the Symposium.

In the Inaugural speech by the Chief Guest **Mr. S. SATHESH KUMAR Deputy Director, MSME Development Institute, Chennai** , shared his views on the role of MSME and for the Overall development of the Engineering students so as to support the Industry and Corporate. He extended his best wishes to student participants and the host institute for present and future endeavors.

The participants dispersed to their descriptive venue, The agenda was to make students understand the nuances of planning and organizing events and give them practical exposure to complement their academics.

Registration

The total Number of registrations: 320 Students

Number of Colleges: 25

EVERY GOOD THING HAS TO COME TO AN END, SO DID MITILENCE-2016. 13th—February —2016, The 6TH National Level Technical Symposium ended with the winners of all the competitions being felicitated with awards and certificates followed by the vote of thanks speech by Dr. P.Sivakumar, convenor of MITILENCE-16 who thanked all Administration for their support, Principal, Head of the Department for the effective and valuable guidance that helped the team to have this successful symposium, faculty members, students of MIT.



A NATIONAL LEVEL TECHNICAL SYMPOSIUM- MITILENCE -2016
On 12th February 2016

S.No	EEE	ECE	MECH
1.	Paper Presentation Date: 12.02.2016 Time: 10:00am to 1:00 pm Venue: Auditorium-Ground floor Staff In charge: Dr.K.Sethuraman	e-Connexion Date:12.02.2016 Time:2.30 to 3.30 Venue: Class room 207 Staff In charge: Ms.Vithiya Mr.Sivaraj	Tech-Talk Date:12.02.2016 Time: 10:00am to 1:00pm Venue: Class Room 115 Staff Incharge: Mr.A.Thiyagarajan
2.	Technical Quiz Date:12.02.2016 Time:10:00am to 1:00pm Venue: Class room 216 / Audio Visual Lab Staff Incharge: Ms.N.Sarumathi	Technical Quiz Date:12.02.2016 Time:1.00 pm to 2.30 pm Venue: Class room 204-II floor Staff Incharge: Ms.Padma Priya Ms.Elakkiya	Technical Quiz Date:12.02.2016 Time:10:00am to 1:00pm Venue: Class Room 112 Staff Incharge: Mr.Muraliraja
3.	Circuit Debug Date:12.02.2016 Time: 2.00 Pm Venue: Class Room 213 StaffIncharge: Mr.N.Amarabalan	Circuit Debug Date:12.02.2016 Time:10.30 am to 12.30 pm Venue: MP Lab StaffIncharge: Ms.Malarvizhi Ms.Alamelu	CADD-Modeling Date:12.02.2016 Time: 10.00am to 1:00pm Venue: Digital Library-First floor Staff Incharge: Mr.R.Karthikeyan
4.	Fun Zone Date:12.02.2016 Time: 10.00 am to 3.30 pm Venue: Class Room 220 Staff Incharge: Mrs.R.Muthunagai	Cube Date:12.02.2016 Time: 12.00 pm to 12.30pm Venue: Class room 202 Staff Incharge: Mr.Ramasamy Mr.Aswanth	Connexion Date:12.02.2016 Time: 10.00am to 1:00pm Venue: Class Room 116 Staff Incharge: Mr.K.Manikandan
5.	Just a Minute(JAM) Date:12.02.2016 Time: 10.00 am to 3.30 pm Venue: Class Room 218 Staff In charge: Mrs.Priya	Dumb-C Date:12.02.2016 Time: 3.30pm to 4.15pm Venue: MP-Lab Staff Incharge: Ms.LakshmiPriya Ms.PretheimVithya	Short film Making Date:12.02.2016 Time: 10:00am to 1:00pm Venue: Measurement Lab Staff Incharge: Mr.K.Karthikeyan

A NATIONAL LEVEL TECHNICAL SYMPOSIUM- MITILENCE -2016

On 13th February 2016

S.No	CSE	IT
1.	Googler Date: 13.02.2016 Time: 9:30am to 10:30am Venue: III-floor CSE Lab Staff Incharge: Mr.SathishKumar	Paper Presentation Date:13.02.2016 Time:9:30am to 12:30pm Venue: Auditorium-Ground Floor Staff Incharge: Mr.A.Meiappan Miss.J.Prabhavathy
2.	Soft Poster Date:13.02.2016 Time:11:00am to 12:00pm Venue: III-floor CSE Lab Staff Incharge: Mrs.S.Kalaivani	C-Debug Date:13.02.2016 Time:10:00am to 12:30pm Venue: Class Room(310)- III-floor Staff Incharge: Mr.Premkumar
3.	Social Innovator Date:13.02.2016 Time:11.30pm to 12.30pm Venue: Class Room(303) – III-floor StaffIncharge: Mrs.I.Varalakshmi	Web Design Date:13.02.2016 Time:11:30am to 12:30pm Venue: III-floor IT Lab StaffIncharge: Mr.Mathivanan
4.	Tech-Cruise Connexion Date:13.02.2016 Time: 11:00am to 1:00pm Venue: Audio Visual Room- I floor Staff Incharge: Mrs.V.Selvi	Android Application Project Display Date:13.02.2016 Time: 10:00am to 12:30pm Venue: III-floor IT-Lab Staff Incharge: Mr.VijayaKumar
5.	Quibble Java Master Date:13.02.2016 Time: 2:00pm to 3:00pm Venue: III-floor CSE-Lab Staff Incharge: Mrs.S.Jayamoorthy	Market a Product Date:13.02.2016 Time: 10:00am to 12:30pm Venue: Class Room(309)- III-floor Staff Incharge: Mr.M.Suresh

MITILENCE-2016- PHOTOGRAPHS



CONFERENCE AND CONTESTS

National conference on “Systems, Computations, Automations and Networking” (SCAN-2016) in association with ICTACT and CSI Chapter, Puducherry



SCAN 16 is an inter disciplinary national conference with scope to provide a platform for researchers, Academicians, Engineers and Students to share their innovative ideas on emerging fields in Engineering and Technology

The conference focuses on realizing the vision of intellectual reasoning, Internet of things, large-scale data analytics and their applications in smart environments like smart city, agriculture, healthcare, etc.

The conference comprised paper presentation and project contest of mobile computing, cloud computing, data, web designing warehousing and data mining.

About 60 participants have registered and participated in the conference Various Engineering colleges

The projects were evaluated based on creativity, technical excellence, and applicability. The judges for the contest were Dr.V. Govindasamy, Assistant Professor, Dept of IT, Pondicherry Engineering College, Puducherry.

The best papers selected in the conference published on ICACT Journal on communication Technology, ICACT Journal on soft Computing and ICACT Journal on Image & Video Processing.

CLOUD COMPUTING PROJECT CONTEST 2016



Cloud Computing Project Contest 2016 was conducted by the Department of Information Technology on 29th January, 2016. Shanmughavel.S, Manager, Training and Development, ICT Academy of Tamil Nadu and Mr. Shankar, Project Manager, Mailam Engineering College were invited as the chief guest to inaugurate the Project Contest. The function was started auspiciously with the invocation song and the introductory speech by Dr.P.Sivakumar, Professor & HOD/IT. Then presidential address was delivered by our Principal Dr.S.Malarkkan.

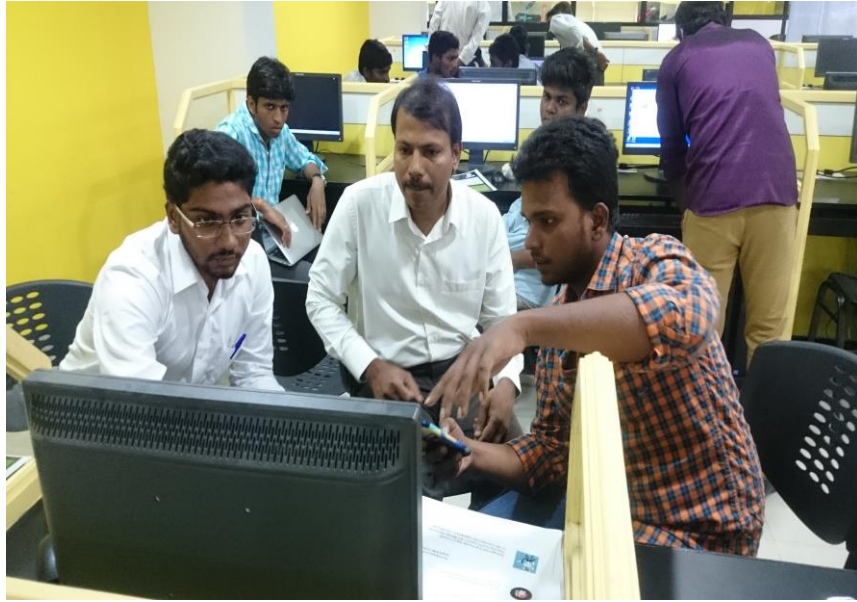


The esteemed chief guest graced us with his presence and talked about the relevance of the topic to today's world. His views & thought on the topic inspired and motivated everyone.



Total 42 teams from various colleges were actively participated. All the Projects were demonstrated and evaluated based on creativity, technical excellence, and applicability. The judge for the contest was Mr. Shankar, Project Manager, Mailam Engineering College





Three teams qualified for the finals. Followed by valedictory function, certificates were distributed to all the participants. Thus the fruitful inaugural ended with the national anthem.





Congratulations to all the winners and their mentors!

WORKSHOP

One day workshop on “Android and its Applications” by Mr. D. Prakash



A workshop on "ANDROID and its APPLICATION DEVELOPEMENT" was presided by Mr. D. Prakash, Corporate Trainer, Chakrika Info solutions, Puducherry. His lecture mainly focused on how to use Android OS for building your own Android Application. Only the basic knowledge of programming is required for Android App Development, no need to be a geek for it! The workshop started from the basics like designing layouts and building complex layouts. Once the basics of Android are done, Students started to begin with building Apps.



About 30 students attended the workshop; the session lasted for about 8 hours, properly divided into theory and hand on practical sessions. At the end of this workshop, a competition was organized among the students where each student has got Certificate of Participation and the Winners got Certificate of Merit.

One day workshop on “Network Simulator-2” by Mr. Shanmugham



Elysium One day Workshop has been taken Mr. Shanmugham, NextGen Technologies, Puducherry on “Open Source Simulator – NS2”. About 30 students attended the workshop. The session was spitted in two sections, forenoon session and afternoon sessions. The forenoon session was the theoretical session and the practical workouts had been carried out in afternoon session. The topics covered are starting from Introduction about the simulator to the research areas and the implementation facts. The practical session was started with installation of VMware in the windows operating system. We have been provided with laboratory in which windows operating system was installed. After that the NS2 installation procedure had been carried out. After installation of NS2 explanation about the wired networks and configuration had been explained. Students were eagerly observing the concepts. Students were asking many queries and we have answered clearly. Then students will be given some simple tasks most of the students did the task interestingly.

The session will be over by 4:40 PM after that students gave feedback about the session and their feedbacks were excellent. After receiving the excellent feedback we have left the college by 5'o clock and the session was ended successfully.

Five days workshop on “Data Science and Big Data Analytics” in association with ICT Academy, Pondicherry from 7th March 2016 to 12th March 2016

A workshop on the Data Science and Big Data Analytics, handled by our renowned faculty, Mr.K.Vijayakumar and Mr.P.Mathivanan in partnership with ICT Academy, Pondicherry. Mr.K.Vijayakumar, Assistant Professor, department of Information Technology, currently Pursuing his PhD. In Pondicherry University and Mr.P.Mathivanan Assistant Professor, department of Information Technology They one who volunteered to give an exposure to the students on the Data Science and Big Data Analytics. It was 5-days workshop conducted from 7th of March 2016 to 12th of March 2016. The main aim of the event being to introduce the audience to the models, algorithms and methods of traditional data related fields, such as, data mining, data engineering and providing hands-on training on the most popular Big data tools in use now.

On the first day, Mr.K.Vijayakumar gave a talk on comprehensive overview of the fundamentals of Big Data and need for Predictive Analytics. Her presentation included many real-time examples and unearthed all the possible avenues for undertaking research in this sphere.

On the Second day, he explained existing research issues and challenges in the field of Predictive analytics and concluded with the possibility of extending research to various other domains currently being worked on.

On the third day, Mr.P.Mathivanan who spoke about NoSQL databases. He also gave an overview on hadoop and hive which made the session interesting.

On the fourth day, he explained configuration files and how they work. His session on map reduce framework took the workshop to another level. Also he showed how to run a java based map-reduce program in hadoop.

On the last day, Mr.K.Vijayakumar and Mr.P.Mathivanan organized the hands-on session on hadoop. With that the workshop came to a close.

There were about 60 participants of III year and IV year students of IT & CSE and the sessions were highly interactive and simple to follow. All the attendees gave a very positive feedback on the workshop.

STUDENTS CORNER

Paper published by UG students

The UG student paper presentation was organized by Mahendra College of Engineering, Salem, Tamilnadu on March 23, 2016 when three teams from the Department of IT presented their papers that were published in International journals.



The team comprising of R.Monica, K.Swathi, B.Kanmani were one of the three teams who received the best paper award on the day when students from various departments made presentations on their papers.

Congratulations to the students and their mentor Dr.P.Sivakumar,Professor and Head/IT.

Training Conducted on JAVA online Certification

Training Conducted on" JAVA online certification course" for 20 members of III year students by Mr. Ananada Krishnan , Project Co-ordinator, Chakrika's Solution , Puducherry at MIT, Puducherry at every Friday of February and March 2016.

CO-CURRICULAR ACTIVITIES

Divya Bharathi.S of III year won the 3rd prize on Web designing contest in National Level Symposium of MITELENCE'16 at Manakula Vinayagar Institute of Technology, Puducherry on 13th February 2016

Nakkiran.S of IV year won the 2nd prize on C-debugging contest in National Level Symposium of MITELENCE'16 at Manakula Vinayagar Institute of Technology, Puducherry on 13th February 2016

Nakkiran.S, Rajkumar.R of IV year won the 2nd prize on Market a Product contest in National Level Symposium of MITELENCE'16 at Manakula Vinayagar Institute of Technology, Puducherry on 13th February 2016

M. Tamizh Amala, S. Divya Bharathi, Shabana Yasmin.J, Sarvodaya.K, Aruna. R won 1st prize on Chinese Whipersing in National Level Symposium of BANCQUEST'16 at Pondicherry University on 16th February 2016.



S.Swathy and Rajeevi.R of III year Got 2nd prize on Pick Place contest in Level Symposium of MITRONCE'16 organized by mechanical department at Manakula Vinayagar Institute of Technology, Puducherry from 26th February to 27th February 2016.



Monica.R, Chandni.S, Nivedhidha.J.V of IV year won the 1st prize on Mobile App Contest at Pondicherry Engineering College, Puducherry on 1st January 2016.



Ayswariya Taniga, D.V.Priyadharshini of IV year Got 3rd Prize in Cloud Computing Project Contest'16 on Key Aggregate Cryptosystem For Group Data Sharing Via Cloud Storage at Manakula Vinayagar Institute of Technology, Puducherry on 29th January 2016.



M.Priyadharshini, Yureka, Pavithra of IV year Got 3rd Prize in Cloud Computing Project Contest'16 on Detection And Prevention Of Copy Righting Multimedia By Deploying In Cloud Storage at Manakula Vinayagar Institute of Technology, Puducherry on 29th January 2016.



Dharani dharan.V, Vadivelan.K, Vetri vendhan.T of III year won the 3rd prize on Android Project contest in National Level Symposium of MITELENCE'16 at Manakula Vinayagar Institute of Technology, Puducherry on 13th February 2016

Sudharshanan, Bharath of IV year students won 3rd Prize in Android Project Contest on A Cutting Edge consistent scheme for blind people Interaction using Android Smartphone at Mailam Engineering College on 2nd April 2016.



IN SPORTS

Our third student D. Ilanchezian, have participated and won the 2nd prize in Cricket Match Tournament at Sasthra University from 10th February 2016 to 14th February 2016.



Our third year student D. Ilanchezian, Rajesh kumar and surendiran have participated in All india inter-Engineering cricket tournament from 2.1.2016 to 13.1.2016 at Warangal, Telungana and won the 1st Prize with the cash prize of Rs. 20, 000.





Our third and second year student D. Ilanchezian, Surendhiran and Rajesh Kumar have participated in All india senior national baseball championship from 25.1.2016 to 1.2.2016 conducted by pondicherry state baseball at goa.



ROBOTIC EVENT

Our Third year IT Students Vetrivendhan.D, Tamizh amala have attended the eight Days robotics event on topic of “block warriors” in the event of Techfest 2015-16 at IIT Mumbai from 23.12.2015 to 30.12.2015.

STUDENTS PAPER/ PROJECT PRESENTATION IN SYMPOSIUM/CONFERENCE

Our Third year IT Students Aruna.R, Dhivya Bharathi.S, Bhavani.G, Sarvodaya.K, Thamizh amala.N have participated the Project presentation of the Contest Sigarathai Noki at Dhindivanam conducted by MIT , Puducherry on 28.1.2016

Our third year IT students Aruna.R, Divya Bharathi.S, have participated the Project presentation on “mobile cloud computing” of the Cloud computing contest conducted by IT Dept at MIT, Puducherry on 29.1.2016.

Our third year IT students Sarvodaya.K, Tamizh amala.M, have participated the Project presentation on “green cloud computing” of the Cloud computing contest conducted by IT Dept at MIT, Puducherry on 29.1.2016.

Our third year IT students Keerthika.K, Indhumathy.R Hemalatha. have participated the Project presentation on “ Data Integrity on cloud storage” of the Cloud computing contest conducted by IT Dept at MIT, Puducherry on 29.1.2016.

Our final year student Shalini.P, Sushmedha.S, Sindhuja.K have participated the Project presentation on “secure and encrypted de duplication in cloud approach” of the Cloud computing contest conducted by IT Dept at MIT, Puducherry on 29.1.2016.

Our final year student Sarath Babu.V, Vanjinathan.K, Vijayashankar reddy, guru teja have have participated the Project presentation on “ web design “ conducted by the Sainik welfare dept, Govt of Puducherry on 22.1.2016

Our Third year IT Students Aruna.R, Dhivya Bharathi.S, Bhavani.G, Sarvodhaya.K, Thamizh amala.N, Sangeetha.N, Thenmozhi, Indhumathy, Keerthiga have participated the Project presentation for “Sigarathai Noki” at Ulundurpettai conducted by MIT , Puducherry on 5th February 2016.

Our Third year IT Students Aruna.R, Dhivya Bharathi.S, Bhavani.G, Sarvodhaya.K, Thamizh amala.N, Sangeetha.N, Thenmozhi, Indhumathy, Keerthiga have participated the Project presentation for “Sigarathai Noki” at Ulundurpettai conducted by MIT , Puducherry on 5th February 2016.

Our Third year students of Keerthiga.K, Keerthana.M, Indumathy.R have participated in National level symposium of NEURA’16 on “Data Integrity in Cloud Computing’ Pondicherry Engineering College on 12th march 2016.

Our Third year students of Buvaneshwari.A, Steffi, Sarvodaya.K have participated in National level symposium of NEURA’16 on “Blue Brain Technology” Pondicherry Engineering College on 12th march 2016.

Our Third year students of Suwathy.S, Sangeetha.N have participated in National level symposium of NEURA’16 on “Li-Fi Technology “ Pondicherry Engineering College on 12th march 2016.

Our Third year students of Sidharthan.V have participated in National level symposium of NEURA’16 on “Internet Of Things” Pondicherry Engineering College on 12th march 2016.

Our Third year IT Students R. Indumathy, K. Keerthiga, Sangeetha.N have participated in national level symposium MITILENCE’16 in the event of Android project contest at MIT , Puducherry on 13th February 2016.

Our Third year IT Students S. Divya Bharathi , Shabana Yasmin.J, Aruna. R have participated in national level symposium MITILENCE’16 in the event of Android project contest on “ bank Monitoring” at MIT , Puducherry on 13th February 2016.

Our Third year IT Students M. Tamizh Amala, G.Bhavani, Monica.M have participated in national level symposium MITILENCE’16 in the event of Android project contest on “Shoot the warrior” at MIT , Puducherry on 13th February 2016.

Our Third year IT Student Shabana Yasmin.J have participated in national level symposium MITILENCE'16 in the event "C-Debugging" at MIT , Puducherry on 13th February 2016.

Our Third year IT Student Shabana Yasmin.J have participated in national level symposium MITILENCE'16 in the event "Web designing" at MIT , Puducherry on 13th February 2016.

Our Third year IT Student Rajeevi.R , Astalakshmi devi. M have participated in national level symposium MITILENCE'16 in the event "Googler" at MIT , Puducherry on 13th February 2016.

Our Third year IT Student Rajeevi.R , Astalakshmi devi. M have participated in national level symposium MITILENCE'16 in the event "Tech connection" at MIT , Puducherry on 13th February 2016.

Our Final year IT Student Nakkiran.S, Kishor.V, Kambavanan.M have participated in national level symposium MITILENCE'16 in the event "Web designing" at MIT , Puducherry on 13th February 2016.

Our Third year IT Student M. Tamizh Amala, S. Divya Bharathi, Shabana Yasmin.J, Sarvodaya.K, Aruna. R have participated in national level symposium BANCQUEST'16 in the event "Chinese Whipersing" at Pondicherry University , Puducherry on 16th February 2016.

Our Third year IT Student M. Tamizh Amala, S. Divya Bharathi, Shabana Yasmin.J, Sarvodaya.K, Aruna. R, Monica.M have participated in national level symposium BANCQUEST'16 in the event "Quiz Mania" at Pondicherry University , Puducherry on 16th February 2016.

Our Third year IT Student Suwathy.S, Astalakshmi devi. M, Monica.M have participated in national level symposium BANCQUEST'16 in the event "Adazapp" at Pondicherry University , Puducherry on 16th February 2016.

Our Third year IT Student Ajithkumar.A, Kirubakaran.S, Arunkumar.P, Nirmal Sivabalan.A, NaveenPrasanth.S, Sivasuriya.S have participated in national level symposium BANCQUEST'16 in the event "Adazapp" at Pondicherry University , Puducherry on 16th February 2016.

Our Final year IT Student Meganathan.I, Nilavazhagan.K, Manikandan, Nakkiran, have participated in national level symposium MITRONCE'16 in the event "Tech Quiz" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Final year IT Ilancheziyan.D, Iyyappan.S, Manikandan.R, Sriram.R have participated in national level symposium MITRONCE'16 in the event "Tech Quiz" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student R.Rajeevi, S.Swathy, Sidharthan.V have participated in national level symposium MITRONCE'16 in the event "Connexion" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student R.Rajeevi, S.Swathy have participated in national level symposium MITRONCE'16 in the event "Engineer's Eye" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student R.Rajeevi, S.Swathy have participated in national level symposium MITRONCE'16 in the event "Cube Solving" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student R.Rajeevi, S.Swathy have participated in national level symposium MITRONCE'16 in the event "Dumb Charades" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student R.Rajeevi, S.Swathy have participated in national level symposium MITRONCE'16 in the event "Smash the coin" at MIT , Puducherry from 26th February 2016 to 27th February 2016..

Our Third year IT Student R.Rajeevi, S.Swathy have participated in national level symposium MITRONCE'16 in the event "Clash of clans" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student Ilanchezian.D, Iyyappan.S, Manikandan.R, Sriram.R have participated in national level symposium MITRONCE'16 in the event "Tech Quiz" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student Sidharthan.V have participated in national level symposium MITRONCE'16 in the event "Debate" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

Our Third year IT Student Sidharthan.V have participated in national level symposium MITRONCE'16 in the event "Pick and Place" at MIT , Puducherry from 26th February 2016 to 27th February 2016.

STUDENTS PARTICIPATIONS

R.Valli, V.sushmitha, P.Sindhu, "Multi-proxy Resignature with public auditing of shared cloud data for user revocation", National Conference on Recent Trends in computer technology, Sri Balaji Chokkalingam Engineering College , Chennai ,18th march 2016.

Carishma.A, Elavarasi.R, Priyadharshini.V, "Designing energy efficient framework for building using internet of things", National Conference on Recent Trends in computer technology,Sribalaji chokkalingam engineering college , Chennai ,18th march 2016.

Dhanasurya.D, Indhumathy.R, "Enhancing security in decentralized cipher text policy advanced encryption standard with proxy", National Conference on Recent Trends in computer technology, Sri Balaji Chokkalingam Engineering College , Chennai ,18th march 2016.

Nivedhitha.J, Lakshmi priya.S, pavithra.V, "A novel extraction of opinion target and opinion words from online review based on the improved word alignment model", National Level Conference on "Recent Trends in Communication, control, signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Mangaikarasi.K, Karthiga.D, Amutharasi.P, "Alleviating Application Layer DDoS Attacks Using Pattern Record Unit", National Conference on Recent Trends in Communication, Control, Signal and

Image Processing Applications (RTCCSIPA '16) conducted by Mahendra College of Engineering, Minnampalli, Salem on 23rd march 2016.

Sushmitha.S, Sindhuja.K, Shalini.P, "A secure collision data sharing scheme in cloud", National Level Conference on "Recent Trends in Communication, control , signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Porchelvan, Kishore, Vijayakumar , "Cloud based architecture for E-Hospital management patients accessible mechanism", National Level Conference on "Recent Trends in Communication, control , signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Our Final year students, Elavarasi, R Priyadharshini.V have participated in Android Project Contest in the title "Designing Energy efficient framework for buildings using IOT" at Mailam Engineering College on 2nd April 2016.

Our Final year students, Monica.R, Kanmani.B have participated in Android Project Contest in the title "An Employee monitoring system using Android and Analyzing the result using Bigdata" at Mailam Engineering College on 2nd April 2016.

Our Third year students, S. Iyyappan, K.Vadivelan have participated in Android Project Contest in the title "Student Management system using Android" at Mailam Engineering College on 2nd April 2016.

Our Third year students, V. Dharanai dharan, R. Manikandan have participated in Android Project Contest in the title "Chatting Application using Android" at Mailam Engineering College on 2nd April 2016.

Our Third year students, R. Aruna, S. Divya Bharathi have participated in Android Project Contest in the title "Online Restaurant reservation using Android" at Mailam Engineering College on 2nd April 2016.

Our Second year students , Meena.P, Priyanka.B have participated in Android Project Contest in the title "Media Scanner using Android" at Mailam Engineering College on 2nd April 2016.

Our Second year students, Durgadevi.G, Bhuvanalakshmi.B have participated in Android Project Contest in the title" Friend Tracking using Android" at Mailam Engineering College on 2nd April 2016.

Our Second year student, Swathi.R have participated in Android Project Contest in the title" E-Banking System" at Mailam Engineering College on 2nd April 2016.

Our Second year students, Nirmal sivabalan.A, Sivasuriya.S have participated in Android Project Contest in the title" Game Application using Android" at Mailam Engineering College on 2nd April 2016.

Our Second year students, Jayakumar.S, Sarath kumar.A have participated in Android Project Contest in the title" Android Joystick" at Mailam Engineering College on 2nd April 2016.

Our Second year students, Naveen Prasanth.S, Arunkumar.P have participated in Android Project Contest in the title" Tic Tac Game using Android" at Mailam Engineering College on 2nd April 2016.

Our Second year students, Kirubakaran.S, Ajithkumar A have participated in Android Project Contest in the title" Suduko Game using Android" at Mailam Engineering College on 2nd April 2016.

Our Final year students , R.Pavithra, M.Priyadharshini, A.Yureka @ Dhivya, "Detection and prevention of copyrighting multimedia contents in cloud", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Our Final year students , D.V.Priyadharsini, A.AisyswariyaTaniga, K.Yamuna, "Key aggregate cryptosystem for data sharing via cloud", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Our Final year students , D.V.Priyadharsini, A.AisyswariyaTaniga, K.Yamuna, "Rule based method in entity resolution for efficient web search", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Our Final year students , K.Vanjinathan, D.NagendraBabu S.Nakkiarn, "Personality prediction using in social media using big data", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Our Final year students , M.Jagadeeshwaran, G.Bharanikumar, M.Amarnath, “Enhanced Bug triage using effective term selection method for a high quality bug data”, National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Our Final year students , S.Monesh, S.Pradheepkumar, U.Murugan, “One click image search re-ranking based on user preference”, National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

WORKSHOPS ATTENDED

Our second year Students Mithra, Indhra Priyadharshini, Pavithra, Meena, DurgaDevi, Bhuvanalakshmi, KaviBharathi, Gowthaman, Rajesh, Ajithkumar, Nirmal Sivabalan, Kirubakaran, Thamizhmuthalvan and Sowmiya, Sivapridha have attended the 1 day workshop on the topic “Bigdata, Robotics, Satellite Programming and PCB Design” at International Science and Research Organization, Puducherry on 07th February 2016.

Our second year Students Durgadevi.G, Bhuvanalakshmi.B, Pavithra.G, Meena.P, Priyanka.B, Swathi.R, Mithra.R, IndraPriyadharshini.M, Hemalatha.K, Nivedha.J have attended the 2 days workshop on the topic “ the Internet of Things” at Pondicherry Engineering College from 10th February 2016 to 11th February 2016

Our second year Vikneswari.S, Sivapridha.A, Sowmiya.R, Gowthaman.R, Sabarinathan.N, Thamizhmuthalvan.N, Thamizhselvan.T, Umashankar.E, Rajeshkumar have attended the 2 days workshop on the topic “Cyber Forencis & Mobile Hacking” at Pondicherry Engineering College from 10th February 2016 to 11th February 2016.

Our II,II and IV year Students have attended the worksop on “Engineering Olympiad” conducted by Dept of EEE at MIT,Puducherry on 21th February 2016.

INDUSTRIAL VISIT

The recent Industrial Visit to “INFOCEPTS Technologies” located at OMR Kandachavady, Chennai, by 3rd year B.Tech, IT students, on 17th February, 2016, who were accompanied by two of the faculties of the department, Mr.M.Suresh and Ms.Padmapriya.



INFOCEPTS members Incharges welcomed us and the session started at 10.45 am and ended at 12.30 pm. In First session, INFOCEPTS officials gave introduction to the students about the company and services and also the current ongoing projects in business intelligence and data warehousing. Mrs. Preethi Kala, Trainer and Mr.Vijay, Senior HR Manager gave us a brief explanation about emergence of business intelligence and also stressed the importance of business.

Following this session, we were enlightened about the primary focus of INFOCEPTS: Providing BI(Business Intelligence) for analyzing data and presenting actionable information to help corporate executives, business managers and other end users make more informed business decisions. BI Encompasses a variety of tools, applications and methodologies that enable organizations to collect data from internal systems and external sources, prepare the analysis results available to corporate decision makers as well as operational worker.



Before drawing the IV to a close, students have given their feedbacks about the Industrial Visit and their overall experience at 'INFOCEPTS'. After that, we thanked the associates who guided us and bid farewell.



As the IV brought out the small bits of potential in us, this is exactly the kind of IV we, as students, are looking forward to. We hope to visit the organization again.

EXPERIENCE ALWAYS SPEAKS....

AN INSIGHT OF THE PLACEMENT SCENARIO

Confidence and being fearless matters.... Preparation is very important for aptitude test and group discussion. Being cool will help interpret questions better during the interview.



NIVEDHIDHA .J.V, Final Year- Placed in TCS

Interesting experience! A little pressurizing one.... But that pressure gives the push and courage to do it well. Presence of mind and courage to handle any situation will help a lot!



SARATHBABU.V, Final Year- Placed in TCS

Good experience! The interview helped a lot to speak with good vocabulary and with confidence. I was able to analyze my personality. We just have to express ourselves with ease....A wonderful experience every student should go through atleast once!!



VANJI NATHAN.K, Final Year- placed in Suresoft Technologies.

ALUMNI CONTRIBUTIONS

One of the passed out student, **Deepika**(2014 passed out) **working as Software Engineer in Tata Consultancy services, Chennai.** **She** conducted a Seminar on Employability Skills, discussing about the present placement scenario and also taught them strategies to get the students prepare themselves to enter the corporate world.



FACULTY FOCUS

FACULTY ACHIEVEMENTS

In order to motivate the staff members to achieve academic excellence, they are honored the by awarding certificates and incentives in Fruition' 16 on 16th April 2016. The faculty members who have produced 100%, more than 95% and more than 90% B.tech University result- may and Dec 2015

Dr. P.Sivakumar, awarded by certificate of appreciation and cash prize of ₹ 2000 for producing 100% result in High performance networks for M.tech I year in university exam may /june 2015.

Dr. P.Sivakumar, awarded by certificate of appreciation for producing 94.5% result in operating system for B.tech III year in university exam may /june 2016.

Dr. A.Meiappane, awarded by certificate of appreciation and cash prize of ₹ 2000 for producing 100% result in E-Business for B.tech III year in university exam may /june 2015.

Dr. A.Meiappane, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 98% result in Distributed Computing for B.tech IV year in university exam dec 2015.

Mr. S. Uthayashangar, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 98% result in Information Security for B.tech III year in university exam dec 2015.

Mr. S. Uthayashangar, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 98% result in Enterprise Resource Planning for B.tech IV year in university exam dec 2015.

Ms. A.Punitha, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 96 % result in Intelligent Computing for B.tech III year in university exam MAY 2015.

Ms. A.Punitha, awarded by certificate of appreciation for producing 94 % result in THEORY OF COMPUTATION for B.tech III year in university exam DEC 2015.

Mr.M.Suresh, awarded by certificate of appreciation and cash prize of ₹ 2000 for producing 100% result in Multimedia Systems for b.tech Iv year in university exam may /june 2015.

Mr.M.Suresh, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 96 % result in Database management Systems for B.tech III year in university exam MAY 2015.

Mr. K. Vijayakumar, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 98 % result in Data Mining And Warehousing for B.tech IV year in university exam MAY 2015.

Mr. K. Vijayakumar, awarded by certificate of appreciation and cash prize of ₹ 1000 for producing 96 % result in Java Programming for B.tech II year in university exam MAY 2015.

Mrs.J.Prabhavathy, awarded by certificate of appreciation and cash prize of ₹ 2000 for producing 100 % result in User Interface Design for B.tech IV year in university exam MAY 2015.

Mr. P. Mathivanan, awarded by certificate of appreciation for producing 93 % result in User Computer Networks for B.tech III year in university exam MAY 2015.

Mr. K. Prem Kumar, awarded by certificate of appreciation for producing 93 % result in User System Software for B.tech II year in university exam MAY 2015.

ONLINE CERTIFICATION

Mr. K.Vijayakumar, Mr.P.Mathivavan have attended the online certification exam on EMC Academic Associate, Data Science and Big Data Analytics at Sri Manakula Vinayagar Engineering College conducted by ICACT and EMC² on 12.12.15.

FACULTY PARTICIPATION – WORKSHOP / SEMINAR PROGRAMMES

Dr.A.Meiappane, Associate Professor delivered a lecture on 3rd & 4th December, 2015 in FDP on “Distributed systems” Organized by CSE Dept., at University College of Engineering (Anna University), Pattukottai. The programme was attended by the faculty of around 48 staff members of various from department of CSE and IT from 30th Nov 2015 to 6th Dec 2015.

Dr. A.MEIAPPANE Asso.prof/IT, have participated One Day Faculty Development Programme on “Assurance Faculty Connect Programme” organized by TCS at TCS Chennai on 1st march 2016.

Mr. K.Vijayakumar, AP/IT have participated One Day Faculty Development Programme on “Assurance Faculty Connect Programme” organized by TCS at TCS Chennai on 1st march 2016.

Dr. P. SIVAKUMAR, Professor&HOD/IT have participated “Hod meet startup at TCS , organized by TCS at Chennai on 1st march 2016.

Dr. A.MEIAPPANE Asso.prof/IT, have participated 6 Days Faculty Development Programme on “Short term training programme under TEQIP phase II Emerging trend in pervasive& mobile computing” organized by Pondicherry Engineering college from 28.4.16 to 04.05.16

Mr. A.PUNITHA, AP/IT, have participated 6 Days Faculty Development Programme on “Short term training programme under TEQIP phase II Emerging trend in pervasive& mobile computing” organized by Pondicherry Engineering college from 28.4.16 to 04.05.16

FACULTY PAPER/ PROJECT PRESENTATION IN SYMPOSIUM/CONFERENCE

Dr. A. Meiappane, "Survey: VANET based prioritize protocol security", International conference on distributed intelligent computing at Pondicherry engineering college on 09th March 2016.

Ms.A.Punitha, "Multi-proxy Resignature with public auditing of shared cloud data for user revocation", National Conference on Recent Trends in computer technology, Sri Balaji Chokkalingam Engineering College, Chennai, 18th march 2016.

K.Premkumar, "Designing energy efficient framework for building using internet of things", National Conference on Recent Trends in computer technology, Sri Balaji Chokkalingam engineering college, Chennai, 18th march 2016.

J.Prabhavadhi, "Enhancing security in decentralized cipher text policy advanced encryption standard with proxy", National Conference on Recent Trends in computer technology, Sri Balaji Chokkalingam Engineering College, Chennai, 18th march 2016.

A.Punitha, "A novel extraction of opinion target and opinion words from online review based on the improved word alignment model", National Level Conference on "Recent Trends in Communication, control, signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Dr. A. Meiappane, "Alleviating Application Layer DDoS Attacks Using Pattern Record Unit", National Conference on Recent Trends in Communication, Control, Signal and Image Processing Applications (RTCCSIPA '16) conducted by Mahendra College of Engineering, Minnampalli, Salem on 23rd march 2016.

Dr.P.Sivakumar, "A secure collision data sharing scheme in cloud", National Level Conference on "Recent Trends in Communication, control, signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Dr.P.Sivakumar, "Cloud based architecture for E-Hospital management patients accessible mechanism", National Level Conference on "Recent Trends in Communication, control, signal and Processing Applications" at Mahendra College of Engineering, Salem, Tamilnadu on 23rd march 2016.

Dr.P.Sivakumar, "Employee Monitoring and analyzing system using Android", National Level Conference on "Recent Trends in Communication, control , signal and Processing Applications" at Mahendra College of Engineering,Salem,Tamilnadu on 23rd march 2016.

Dr. A. Meiappane, "One click image search re-ranking based on user preference", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Ms.J.Prabavadhi, "Detection and prevention of copyrighting multimedia contents in cloud", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Mr. P.Mathivanan, "A cutting edge consistent scheme for blind people interaction using Android smart phone ", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016.

Mr. P.Mathivanan, "Thoughtful encounters in mobile computations offloading to cloud through research", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016.

Mr. K.Vijayakumar, "Scrutinize mess of online data and extract firm information using latent dirichlet allocation", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016.

Mr. K.Vijayakumar, "Predicting traffic flow by analyzing the flow of vehicles using Big data", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016.

Mr. K.Vijayakumar, "Analysing Patient healthcare using BDcam Via Remote Sensing using Context aware Monitoring", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016

Mr. K.Premkumar, "Internet Health care system using wireless body area network", International conference futuristic trends in computer science engineering and information technology16 at Thiruvalluvar College of Engg & Tech, Vandavasi, on 23rd April 2016

S.Uthayashangar, "Rule based method in entity resolution for efficient web search", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Dr. A. Meiappane, "One click image search re-ranking based on user preference", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

Ms.J.Prabavadhi, "Detection and prevention of copyrighting multimedia contents in cloud", National Conference on Recent Trends in computer technology, at SKP engineering college, Thiruvannamalai, 02nd April 2016.

FACULTY PUBLICATIONS IN NATIONAL/INTERNATIONAL JOURNALS

Dr. A. Meiappane, "Security Enhancement in Shoulder Surfing Attacks using PRSIm", International Journal on Education Growth and Research (IJEGR), September 2015, pp. 84-91. Published by Centre for education Growth and Research

P. Mathivanan, "A cutting edge consistent scheme for blind people interaction using Android smart phone", International Research Journal of Engineering and Technology (IRJET) E-ISSN: 2395 -0056, P-ISSN: 2395-0072 Volume: 03 Issue: 03 | March-2016.

P. Mathivanan, "Thought encounters in mobile computations offloading to cloud through research", International Research Journal of Engineering and Technology (IRJET), E-ISSN: 2395 -0056 P-ISSN: 2395-0072, Volume: 03 Issue: 03 | March-2016.

A.Punitha, "A novel extraction opinion target and opinion words from online revision based on huproved word alignment model", International Journal Of Innovative Technology And Research.vol 4 , issue 2, March 2016.

Dr.P.Sivakumar, "Analyzing and Deploying the Data Streaming in BigData Feature Selection Process using ACO", Proceedings of the International Journal on Science and Innovative Engineering, ISBN 978-81-904760-8-9, April 2016.

PARENTS SPEAK...

The staffs of the IT department were delighted to hear the comments of the parents - a rewarding experience indeed for any teacher/mentor/guide. Parents often come to visit the staff of the IT department and express their views about the academic system at MIT and the IT dept in particular.

One such parent was quoted as saying, 'The faculty have placed immense faith in our son and have given him opportunities that we could not even think he could handle.' This one small step they said motivated their son to strive, to seek and to find the path to achieve his goals. Parents say they never want the teachers to help their wards... They just want them to extract the latent talents to raise their students to heights where they would never need to seek help but be in a position to help out others. Parents are glad that the staffs at IT are just at it.

In the words of Robert Frost "There are two kinds of teachers: the kind that fill you with so much quail shot that you can't move, and the kind that just

TECHNICAL ARTICLE

Threat exchange

Since I use social website (Facebook) frequently to share my personal photos and states among my friends in Facebook , I decide to check whether my personal updates are safe to share in Facebook . While checking about the steps taken by the Facebook authorities to protect their users personal informations and the photos uploaded by them within their friends circle , I come to know that they have launched a new technology to protect from hacker and advertisers. Here I share few things about this technology.

Facebook has seen many security threats from hackers and advertisers who are trying to spam the website. To combat such problems in the future, it has come up with a novel approach. It has developed a platform through which researcher and others can share information regarding security threats. Since a malware affects many website through sharing and duplicating, websites can face the same problem at the same time. This new platform can give alerts to other website before things go out of hand. This platform is known by the name of ThreatExchange. ThreatExchange was launched by Mark Hammell, manager of threat infrastructure at Facebook.



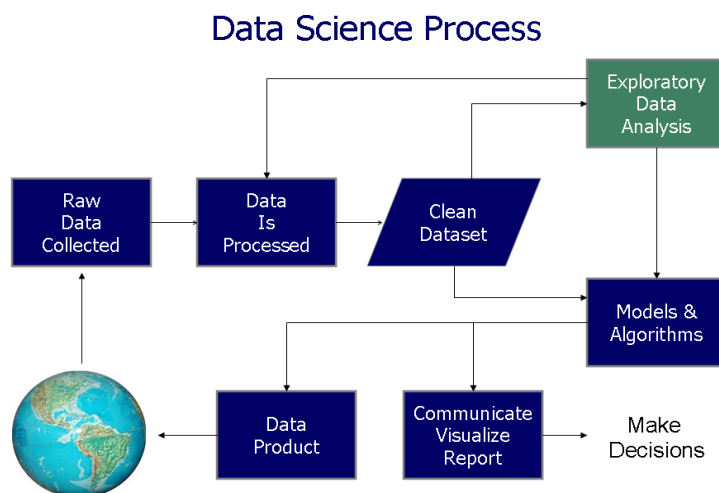
This security collaboration service is still in its Beta stage. With this platform, website owners can alert each other about a latest malware or other harmful software that can cause trouble with the website. The number of cyber attackers is growing every year. Hence, the need for such a platform was very evident. Facebook took the first step and came up with the idea. According to Mark Hammell, Facebook has been toying with this idea since last year. With this platform, cyber attacks can finally be prevented. Many big names have been roped in to use this platform. These include Yahoo, Twitter and so on.

References: <https://threatexchange.fb.com/>

Data Science

Since I am very much interested in gathering information on how data is collected and how it is being stored for further use. Frequently I used to refer to the internet to know the latest technology based on data usage and other references about data storage, that time I came to know about the latest technology known as Data Science, which is still under research. Here I share some information which I gathered about Data Science.

A few years ago, *Harvard Business Review* called data scientist the “sexiest job of the 21st century.” That definition goes double in 2016.



Technically, data science is an interdisciplinary field about processes and systems to extract knowledge or insights from data in various forms, either structured or unstructured, which is a continuation of some of the data analysis fields such as statistics, data mining and predictive analytics. In less technical terms, a data scientist is an individual with the curiosity and training to extract meaning from big data, determining trends, buying insights, connections, patterns and more. Frequently, data scientists are mathematics and statistics experts. Sometimes, they're more generalists; other times, they are software engineers. Regardless, people looking for assured employment in 2016 and way beyond should seek out these opportunities, since the world can't begin to get all the data scientists it needs to extract meaning from the massive amounts of data available that will make our world safer, more efficient and more enjoyable.

Smart Eye Glass

When I was searching for the latest technology on the security system, I came to know about Sony's SmartEyeglass. It has been described as like wearing a CCTV camera on your head and like Google Glass it comes with a head-up display to show information in front of your eyes.

Sony Corp has announced its Single-Lens Display Module that can turn any eyewear into smart-glasses. Just like Google Glass, Sony's SLDM integrates its own application processor, sensors, battery and camera. The SmartEyeglass Attach Device from Sony is based on ARM Cortex-A7 low-power processor and features electronic compass, accelerometer, touch sensor, Bluetooth 3.0, 802.11b/g/n Wi-Fi, 400mAh battery, unknown amount of NAND flash storage and RAM as well as other components, such as various advanced power ICs. The device with the display weighs approximately 40 grams, but has functionality akin to that of low-cost smartphones.



The exchange of various types of data such as sensing information between SmartEyeglass and a wirelessly-connected smartphone, mean that depending on the smartphone application the device has the potential to be used in a wide range of usage scenarios. SmartEyeglass realizes even more convenient and enjoyable lifestyles for users by enabling them to obtain information hands-free, without the need to look away. For example, users will be able to view navigation information while

walking, check a recipe while cooking without taking their eyes from their hands, or view information related to a certain player while watching a sports game in a stadium.

The device from Sony can be attached to any pair of fashionable glasses, goggles, sunglasses or other type of eyewear. The SmartEyeglass attach can serve many purposes and support various applications. It is unclear whether the device runs Google Android, or a proprietary operating system from Sony.

Let's await a Password Free World...

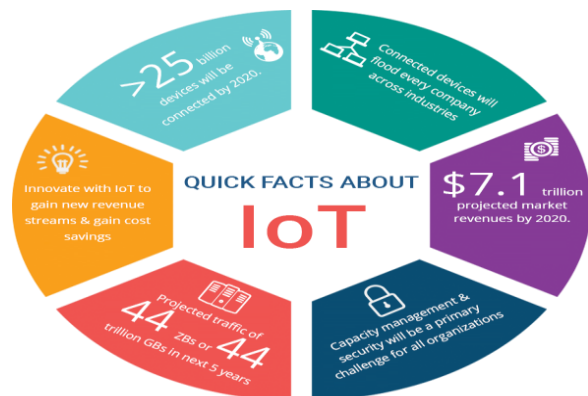
Yes, Its true. Near Future we can expect a world were password are not need for the authentication process. Conventional passwords might soon be a thing of the past, or at least on devices running Android. Google announced that it's pushing ahead with plans to replace passwords with "trust scores" that incorporate various data points about users to determine whether or not they're legitimate. It should be available to Android developers by the end of the year. The trust score is based off various user-specific data points, including current location, facial recognition, and typing patterns. Certain apps could require different scores. A banking app might want a higher trust score than Instagram requires, for instance. The Trust API always runs in the background of users' devices, monitoring its sensors and information so that it can provide apps with the current trust score — basically its confidence level that you are who you say you are. Although the API's release is contingent upon a successful trial with banks, this appears to be promising research, especially considering how terrible traditional passwords are, even when they're coupled with two-factor authentication. If biometrics fail, a standby such as a password or some form of support infrastructure to do a reset is required, and "this could be complex for both the user and the service provider," Jude pointed out. On the positive side, when the trust API works, it could provide a faster, more secure, consistent method of gaining access to secure sites.



INTERNET OF THINGS

The phrase “Internet of Things” is widely credited to Kevin Ashton; he’s indicated that he coined the term in 1999 while at Procter & Gamble, but it didn’t take off until 2009 with an article in RFID journal. At a very basic level, “Internet of Things” means devices that can sense aspects of the real world — like temperature, lighting, the presence or absence of people or objects, etc. — and report that real-world data, or act on it. Instead of most data on the Internet being produced and consumed by people (text, audio, video), more and more information would be produced and consumed by *machines*, communicating between themselves to (hopefully) improve the quality of our lives.

For pretty much anyone in the Western world, the Internet is not only ubiquitous, it’s practically *inescapable*. Between phones, tablets, PCs, game consoles, televisions and set-top boxes, the Internet exists in every corner of our lives. Almost. In the wake of the 2014 consumers electronic show, we’re hearing louder than ever that the future is “The Internet of Things,” everyday devices equipped with sensors and connectivity to work together, understand what we’re doing, and operate automatically to make our lives easier. And, of course, we’ll be able to control and configure it all, likely with our tablets and smart phones, or by speaking. After all, Siri and Google Now have taken voice recognition mainstream.



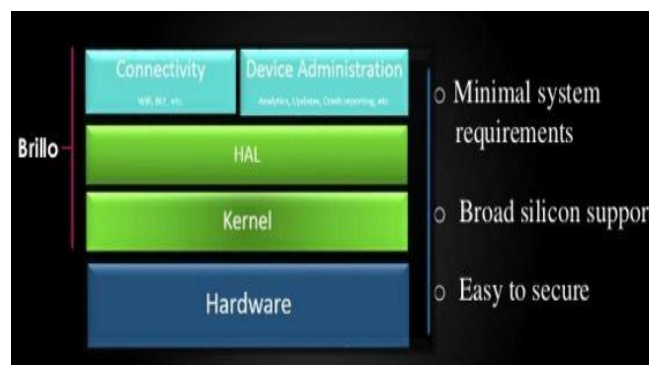
Facts about IOT

In a broader context, the Internet of Things is just another – albeit huge – evolution towards a vaster Internet – and also other networks. It’s essential to keep in mind that this Internet and the umbrella of the Internet of Things as such in the end is about connecting people, processes, data and that it’s the information that is put into context that matters. All too often the narrative regarding the internet of Things looks too much at devices, presumably due to the attention that is given to the consumer side of things with wearables and the likes. It’s also important to put the Internet of Things in a broader technology perspective without which it couldn’t be, let alone lead to tangible benefits. Related technologies include artificial intelligence, data (big and others), mobile, the cloud and so on.

THE BRILLO OS FOR IOT

The Information is back with more Google news before I/O. The outlet claims that Google is developing another operating system, this time for low-power "Internet of Things" (IoT) devices. The OS is codenamed "Brillo," and the publication claims Google "is likely to release the software under the Android brand, as the group developing the software is linked to the company's Android unit." We're going to take that to mean "it's based on Android."

The report says Brillo will be aimed at ultra low-power devices with as little as 64 or 32MB of RAM. With the abundance of smart home technology like connected light bulbs, door locks, sensors, and whatever other crazy connected objects the IoT crowd dreams up on Kickstarter, Google clearly sees an opportunity.



Architecture of Brillo OS

Such devices need to boot up, use an SoC, handle input and output, and communicate over a network—all things the Linux-based Android OS is great at; it's just a little heavy right now. As was the case when Android entered the market, right now it's up to the hardware vendors themselves to create the IoT operating system. The Information says Google wants to move in and clean up the fragmented mess by offering Brillo for free to OEMs. The company has snapped up Nest, Dropcam, and Revolv, a smart home hub manufacturer. The Android Team is apparently leading the development, though—not Nest, the Google unit most specifically attached to smart homes, making us wonder how much input Nest is providing. Google also tried to enter the connected home before with Android@Home, but that unit quietly disappeared. The report says Google executives thought that "it was too early" and canned the project.

Internet of Things (IoT) devices. It's based on Android, which should make it relatively easy for developers familiar with Android to work with Brillo. But it's a stripped down version of Android designed for low-power, inexpensive devices with as little as 32MB of RAM and 128MB of storage.

Google unveiled Brillo in May, and now the company is allowing some developers to start working with the platform: a Brillo developer portal is now live, but you'll need to request an Invite before you can get started.

ABOUT PONDICHERRY

Pondicherry has been derived from the Tamil word Puducheri signifying 'the new settlement'. It was a French settlement that comprised Pondy, Yanam, Karaikal, and Mahe. Amazing is the fact that different districts of Pondicherry fall under different states.

The capital Pondicherry is situated in the state of Tamil Nadu at a distance of around 200 km from Chennai. While Karaikal is also a part of Tamil Nadu, Mahe is located in Kerala, and Yanam is in Andhra Pradesh.

There is a strong influence of French culture on Pondicherry town, especially on its architecture, a result of the centuries-old relations this place maintained with France. Today, Pondicherry is more famous because of its relation with Sri Aurobindo. Sri Aurobindo selected this peaceful and harmonious place to make his abode in the second decade of 20th century and remained there until his death.

PLACES TO VISIT IN PONDICHERRY

MANAKULA VINAYAGAR TEMPLE



Manakula Vinayagar Temple is a Hindu temple in the Union Territory of Puducherry, India. Dedicated to the god Ganesa, it is a popular pilgrimage site and tourist destination in Puducherry. The temple is of considerable antiquity and predates French occupation of the territory. During the tenure of Dupleix, there were attempts to destroy the temple but the temple

was finally spared owing to strong protests from the Hindu population and the threat of British and Maratha invasion of the territory.

Manakula Vinayagar Temple was in existence before the French came and settled in Pondicherry i.e. before 1666. According to mythology, Lord GANESHA is named in 16 types based on his various forms out of which this god facing the east coast near Bay of Bengal it has been named as Bhuvaneshwar Ganapathy, now called as Manakula Vinayagar.

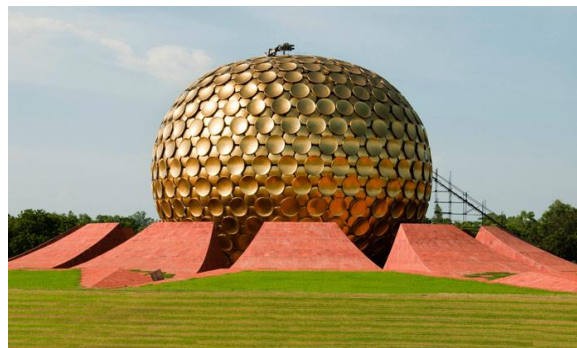
In Tamil 'Manal' means sand and 'Kulam' means pond near the sea, earlier which was full of sand around pond. So the people called the god as Manal Kulathu Vinayagar [means God near the pond of sand]. Later it is named as MANAKULA VINAYAGAR.

PONDICHERRY MUSEUM



A delight for art and history enthusiasts, the Pondicherry Museum has on display a fantastic collection of sculptures, handicrafts, archaeological findings from the Arikamedu Roman settlement and items from the French colonial time such as furniture and coins, among other things at 49 rue St.-Louis, Pondicherry

AUROVILLE



Founded in 1968 by Mirra Alfassa, also known as 'The Mother', Auroville is an experimental township or a universal town. Designed by famous architect Roger Anger, Auroville is a must-visit attraction of Pondicherry where people of different nationalities, cultures and beliefs live together in harmony.

One of the major highlights of Auroville is the Matrimandir, a modern structure with a high significance for integral Yoga practitioners. Matrimandir has a lotus-shaped dome almost 30 meters high and is covered by golden discs that reflect sunlight.

OUSTERI LAKE



A picturesque attraction, Ousteri Lake or Osudu Lake is worth a visit. Located at a distance of approximately 10 kilometres from Pondicherry, this spectacular water body covers a surface area of 390 hectares. The International Union for Conservation of Nature and Natural Resources (IUCN) has recognised this lake as one of Asia's important wetlands. Consisting of water, marsh and mudflats, this site is inhabited by more than 40 migratory birds. Golden Oriole, Painted Stork, White Ibis, Openbill Stork, Tailor Bird and Spotted Owlets are some of the unique bird species that can be seen here. Apart from birdwatching, you can indulge in boating at this lake at 10 km from Pondicherry Town, Pondicherry

CHURCH OF SACRED HEART OF JESUS



The Basilica of the Sacred Heart of Jesus is one of the highly revered religious places in Pondicherry and is located on the south boulevard of the town. This beautiful church is an excellent example of Gothic architecture and is adorned with colourful stained glass panels illustrating the life events of

Jesus Christ. A significant place of worship for Christian devotees in the country, the church is a must-visit when visiting Pondicherry.

RAJ NIVAS



Raj Niwas, located at Nehru Park, is also known as Le Palais du Gouverneur, which means the governor's palace. Once used by the French Governor, this palatial building presently serves as the official residence of the Lieutenant Governor of Pondicherry. Built in the 18th century, the structure flaunts a colonial style of architecture. Main architectural highlights of this building include a monolithic pillar brought from the Gingee Fort and a water monument. Within the premises, there are beautifully manicured gardens and fountains that add to its beauty. Legislative Assembly of Pondicherry is also present within the confines of the Raj Niwas. Though the building is not open to public, one can have a look of this significant structure from the gate at Gingee Fort, Pondicherry, 605001

PARK MONUMENT OR AAYI MANDAPAM IN PONDICHERRY



Built in the centre of the beautiful Bharati Park, Park Monument (Aayi Mandapam) is one of the most iconic structures of Pondicherry. Named after a famous female courtesan named 'Aayi', this monument was built during the period of Napoleon III in the 16th century. According to folklore, Aayi destroyed her own house to build a reservoir to supply water in the city. Aayi Mandapam is an imposing milky white structure that flaunts brilliant Greco-Roman architecture. The presence of flowerbeds, well-manicured lawns and gorgeous fountains around the monument greatly accentuates its exquisiteness.

FRENCH WAR MEMORIAL IN PONDICHERRY



The quaint victory monument - French War Memorial is located in White Town, Pondicherry. This elegant structure was built in the year 1971 to commemorate the martyrs of the First World War. This memorial is beautifully illuminated to pay homage to those valiant soldiers on 14th July every year - the occasion of Bastille Day (French National Day). People from the city and beyond visit the memorial to offer respect and veneration.

SRI AUROBINDO ASHRAM



Pondicherry is synonymous with the Aurobindo Ashram. Founded by Sri Aurobindo and Mirra Alfassa (The Mother) in 1926, it is one of the major highlights of Pondicherry and is visited by thousands of people from all over the world. The ashram is also the place of *Samadhi* of Sri Aurobindo and The Mother at St Gilles St, Puducherry.

THANK YOU...